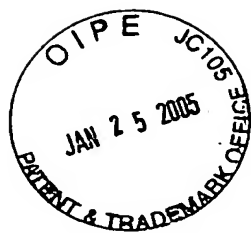


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In the application of

PAUL WEAVER AND  
SIMON POWELL

Serial No. 10/511,256

Filed October 8, 2004

For DRIVE CIRCUIT FOR PIEZO  
CERAMIC DEVICE

## CERTIFICATE OF MAILING

I hereby certify that this correspondence was deposited with the United States Postal Service as first class mail in an envelope addressed to:  
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P.O. Box 1450  
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*[Signature]*  
Norma J. Payerle Secretary to Edward G. Greive

**INFORMATION DISCLOSURE STATEMENT****37 CFR §§ 1.97, 1.98**

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.97 encouraging the filing of an Information Disclosure Statement, the Applicants hereby submit the following in compliance with the duty of disclosure as set forth in 37 CFR §1.56.

Information or art known to the Applicants and having an extent of relevance to the present application has been listed on Form PTO-1449 attached hereto. It includes four foreign patent documents and two publications. The Applicants have employed Form PTO-1449 for the purposes of convenience of the Office and the Examiner.

No representation is made that a specific search has been made, that the information is pertinent to the claimed subject matter, that the information is non-cumulative, or that the information represents the only or the best information. The Applicants do not admit that any of the information they have provided is necessarily prior to their invention but rather that it is information of which they are aware and that they believe should be provided to the Office in fulfillment of their duty of disclosure. Any question that may arise regarding priority of a specific reference shall be resolved during prosecution.

It is the position of the Applicants that none of the art provided herein accomplishes the objects of the present invention. The Applicants believe that the claims of the subject application are patentably distinct over the art of record. In the event the Examiner would care to discuss any of the foregoing more specifically, the undersigned attorney would welcome a telephone call.

Respectfully submitted,



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Attorney for Applicants

January 20, 2005

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 8-83) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
PBT.P0004

SERIAL NO.  
10/511,256

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT  
Weaver et al.

FILING DATE  
October 8, 2004

GROUP

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes	No
1	DE 198 10 321	09/99	Germany	H02N	2/06		X
2	JP 2001-86778	03/01	Japan	H02N	2/00		X
3	EP 1 001 474	05/00	Europe	H01L	41/04		X
4	EP 0 147 112	07/85	Europe	H01L	41/08		X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

5	"Extended temperature range piezo actuator system with very large movement" by Weaver et al., pgs. 484-492 (2003)					
6	"Vibration Damping Using Current Fed Piezoelectric Actuators by Palis et al., pgs. 1-6 (1999)					

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.